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 VEM3661T

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AC Motors | General Purpose |

Performance Data: VEM3661T

Rating - Nominals		Characteristics	
Rated Output	3 HP	Full Load Torque	9 LB-FT
Volts	230/480	Break Down Torque	31 LB-FT 344 % of F.L. Torque
Full Load Amps	8/4	Locked-Rotor Torque	22 LB-FT
Speed	1760	Starting Current (Amps)	32.0
Hertz	60	No-Load Current (Amps)	2.2
Phase	3	Line-line Resistance @ 25° C	
NEMA Design Code	B	Temperature Rise, C @ FL (in deg)	41
LR KVA Code	H		
Efficiency	89.5		
Power Factor	80		
Service Factor	1.15		
Rating - Duty	40C AMB-CONT		

Load Characteristics - Tested

% of Rated Load	25	50	75	100	125	150	S.E.
Power Factor	37	58	71	77	81	83	79
Efficiency	84.0	89.1	90.0	89.7	88.7	87.3	89.1
Speed (rpm)	1789	1778	1767	1756	1743	1729	1748
Line Amperes	2.3	2.8	3.4	4.1	4.9	5.8	4.6

* For certified information, contact your local [Baldor office](#).

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M2333T



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AC Motors | General Purpose |

Performance Data: M2333T

Rating - Nominals

Rated Output	15 HP
Volts	230/460
Full Load Amps	28.4/19.2
Speed	1760
Hertz	60
Phase	3
NEMA Design Code	B
LR KVA Code	H
Efficiency	91.0
Power Factor	80
Service Factor	1.15
Rating - Duty	40C AMB-CONT

Characteristics

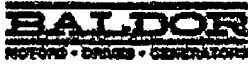
Full Load Torque	45 LB-FT
Break Down Torque	147 LB-FT 327 % of F.L. Torque
Locked-Rotor Torque	73 LB-FT
Starting Current (Amps)	129.0
No-Load Current (Amps)	8.4
Line-Line Resistance @ 25° C	
Temperature Rise, C @ FL (In deg)	61

Load Characteristics - Tested

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	42	65	75	80	82	83	0
Efficiency	85.7	91.0	92.0	91.8	91.1	89.9	0.0
Speed (rpm)	1792	1785	1777	1767	1758	1745	0
Line Amperes	9.2	11.8	14.9	19.0	23.3	28.3	21.6

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Performance Data: CM4115T

Rating - Nominals

Rated Output	50 HP
Volts	230/460
Full Load Amps	118/59
Speed	1770
Hertz	60
Phase	3
NEMA Design Code	B
LR KVA Code	G
Efficiency	93.0
Power Factor	85
Service Factor	1.15
Rating - Duty	40C AMB-CONT

Characteristics

Full Load Torque	148 LB-FT
Break Down Torque	399 LB-FT 270 % of F.L. Torque
Locked-Rotor Torque	240 LB-FT
Starting Current (Amps)	381.0
No-Load Current (Amps)	20.3
Line-line Resistance @ 25° C	
Temperature Rise, C @ FL (In deg)	66

Load Characteristics - Tested

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	84	74	82	85	86	85	85
Efficiency	88.6	92.6	93.2	93.0	92.4	91.4	92.6
Speed (rpm)	1793	1786	1779	1771	1763	1754	1766
Line Amperes	24.7	34.1	46.0	59.2	73.9	90.1	68.0

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